

Converting Colors

Hex(002FB6)

Have a look what the booklet for
Hex(002FB6) contains.

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Color

Hex(002FB6)

Conversions

Conversions Part 1

Format	Color
Hex	002FB6
RGB	0, 47, 182
RGB Percent	0%, 18%, 71%
CMY	1.0000, 0.8157, 0.2863
CMYK	1.00, 0.74, 0.00, 0.29
HSL	225°, 100%, 36%
HSV	225°, 100%, 71%
XYZ	9.4600, 5.4104, 44.8017
YIQ	48.3370, -71.3470, 32.0210

Conversions

Conversions Part 2

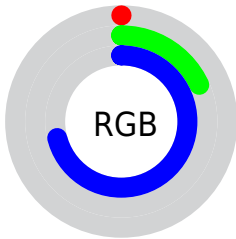
Format	Color
RYB	0, 37, 182
Decimal	12214
CIELab	27.87, 42.61, -73.11
CIELCh	28, 84.620, 300.231
Yxy	5.4104, 0.1585, 0.0907
Android (android.graphics.Color)	4278202294 (0xFF002FB6)
YUV	48.3370, 65.8959, -42.3915
Hunter-Lab	23.2603, 31.8907, -97.9162

Details

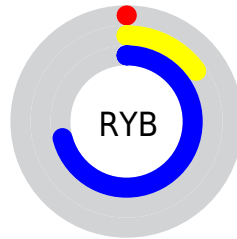
The Hex color **002FB6** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B68700**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **605EEF**, and **000780** is the 20% darker color. If you saturate the color by 10%, you get **002FB6**, and if you desaturate by 10%, it is **123CB6**.

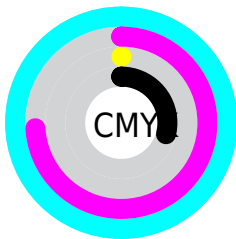
Distribution



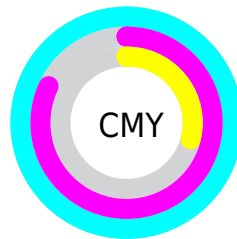
- Red (0%)
- Green (18%)
- Blue (71%)



- Red (0%)
- Yellow (15%)
- Blue (71%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (82%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002FB6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 002FB6 by changing the saturation by 10% instead.

■ 002FB6

■ 002FB6

FFFFFF

■ 001A9A

■ 605EEF

■ 000780

■ 8077FF

■ 000066

■ 9F91FF

■ 00094C

■ BDABFF

■ 000535

■ DCC7FF

■ 00021F

■ FAE3FF

■ 000001

■ 000000

■ 002FB6

 123CB6

 244AB6

 3758B6

 4965B6

 5B73B6

 6D80B6

 7F8EB6

 929BB6

 A4A9B6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004DC9



002FB6



8A0084

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



002FB6



811A00



005741

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



002FB6



B68700

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005500



002FB6



514000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



002FB6



A20002



004F00



005983

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



002FB6



A3005A



004F00



005629

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



002FB6



A6B8ED



00B685



4D5878



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



002FB6



003DED



2A00B6



53555C



00289C



00071C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B6002F



ED003D



8CB600



5C5355



9C0028



1C0007

Previews

White Background



This preview shows how the Hex color 002FB6 looks on a white background.

Color Contrast Check

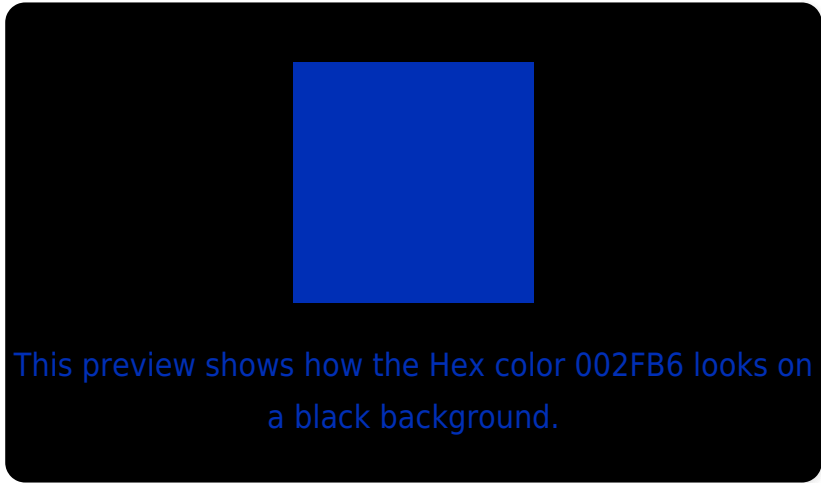
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

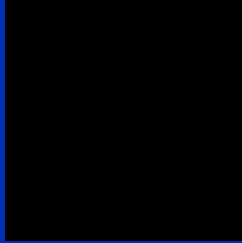
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 002FB6 Background



This preview shows how black text looks on a background with the Hex color 002FB6.



This preview shows how white text looks on a background with the Hex color 002FB6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
002FB6

Protanopia
004086

Deuteranopia
004472



Tritanopia
004A4D

Trichromacy



Original Color
002FB6

Protanomaly
003A97

Deuteranomaly
003C8B

Tritanomaly
004073

Monochromacy



Original Color
002FB6

Achromatopsia
303030

Achromatomaly
1F3061

CSS Examples

Text

The CSS property to change the color of the text to Hex 002FB6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #002FB6 looks like.

```
.text, #text, p{  
    color:#002FB6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #002FB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002FB6
}
```

Border

The CSS property to change the border of an element to Hex 002FB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002FB6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#002FB6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #002FB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002FB6; -webkit-box-shadow:4px 4px  
4px 4px #002FB6; box-shadow:4px 4px 4px  
4px #002FB6 }
```

Background

The CSS property to change the background color of an element to Hex 002FB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002FB6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#002FB6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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